

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) An optometric apparatus for subjectively examining visual functions of an eye of an examinee, the apparatus including:

a rotary prism disposed in front of the eye, for adding ~~a prism degree prism~~ power to the eye;

rotation means including a pulse motor and a rotation transmitting mechanism for transmitting rotation of the pulse motor to the rotary prism, the rotation means being adapted for rotating the rotary prism to change the ~~prism degree power to be added to the eye;~~

the rotation transmitting mechanism including a gear mechanism having a predetermined speed reducing ratio, which transmits the rotation of the pulse motor to the rotary prism while reducing a rotation speed of the pulse motor so as to reduce a rotation step angle of the rotary prism with respect to a rotation step angle of the pulse motor so that a change step of the prism power is 0.05 prism diopter or less to make the prism power to be added to the eye appear to smoothly change, and

command means for generating a command signal to start and stop the rotation of the rotary prism; and

control means for ~~controlling the rotation means to drive~~ driving the pulse motor to rotate at a speed of 5 to 100 pulses/sec. ~~or more~~ when the control means receives the rotation start command signal until when the control means receives the rotation stop command signal, ~~and, to change the prism degree at a speed of so that a change speed of the prism power is 0.1 to 1.0 prism diopter/sec. to make the prism power to be added to the eye appear to slowly change.~~

2.-4. (Canceled)

5. (Currently Amended) The optometric apparatus according to claim 1 further including setting means for setting the change speed of the prism ~~degree-power~~ in a range of 0.1 to 1.0 prism dioptr/sec.

6. (Currently Amended) The optometric apparatus according to claim 1 further including designation means for designating the prism ~~degree-power~~ to be added to the eye, wherein the control means, when the control means receives the designation signal from the designation means, ~~controls the rotation means~~ the control means drives the pulse motor so that the prism ~~degree-power~~ changes at a speed faster than 0.1 to 1.0 prism dioptr/sec. up to the designated prism-~~degree~~ power.

7. (Canceled)

8. (Currently Amended) An optometric apparatus for subjectively examining visual functions of an eye of an examinee, the apparatus including:

a rotary prism disposed in front of the eye, for adding a ~~prism degree-prism power~~ to the eye;

a rotation unit which includes a pulse motor and a rotation transmitting mechanism for transmitting rotation of the pulse motor to the rotary prism, the rotation unit being adapted for rotating the rotary prism to change the prism-~~degree~~ power to be added to the eye;

the rotation transmitting mechanism including a gear mechanism having a predetermined speed reducing ratio, which transmits the rotation of the pulse motor to the rotary prism while reducing a rotation speed of the pulse motor so as to reduce a rotation step angle of the rotary prism with respect to a rotation step angle of the pulse motor so that a change step of the prism power is 0.05 prism dioptr or less to make the prism power to be added to the eye appear to smoothly change, and

a command device which generates a command signal to start and stop the rotation of the rotary prism; and

a control unit which ~~controls the rotation unit to drive~~ drives the pulse motor to rotate at a speed of 5 to 100 pulses/sec. ~~or more~~ when the control unit receives the rotation start command signal until when the control unit receives the rotation stop command signal; ~~and, to change the prism degree at a speed of so that a change speed of the prism power is 0.1~~ to 1.0 prism dipter/sec. to make the prism power to be added to the eye appear to slowly change.

9. (Canceled)